

**CLAIMS**

Claims 1-8 (canceled).

Claim 9 (previously presented):

A miter saw comprising:

a support structure having a cutting zone;

a swing arm above and pivotally attached to the support structure;

a rotatable blade supported by the swing arm so that the blade may move into the cutting zone;

a handle associated with the swing arm and adapted so that a user may pivot the swing arm and blade into the cutting zone;

a motor adapted to drive the blade;

a detection system adapted to detect contact between the blade and a person; and

a brake mechanism adapted to stop rotation of the blade upon detection by the detection system of contact between the blade and the person.

Claims 10-29 (canceled).

**Claim 30 (previously presented)**

**A miter saw comprising:**

**a support structure having a cutting zone;**

**a swing arm above and pivotally attached to the support structure;**

**a rotatable blade supported by the swing arm so that the blade may**

**move into the cutting zone;**

**a handle associated with the swing arm and adapted so that a user  
may pivot the swing arm and blade into the cutting zone;**

**a motor adapted to drive the blade;**

**a detection system adapted to detect contact between the blade  
and a person; and**

**brake means for stopping rotation of the blade upon detection by  
the detection system of contact between the blade and the person.**